

IN THE CLAIMS

This listing of the claims replaces all prior listings of claims.

Listing of Claims:

1. (Currently Amended) A battery storage case including a main body having a first opening portion at one end of said main body and a bottom surface at an opposing end, and a lid portion having a second opening portion at one end of said lid portion and a head portion at an opposing end, said battery storage case comprising:

a first projection train formed on an outer surface of said main body near said first opening portion;

a second projection train formed on an outer surface of said main body near said bottom surface; and

a third projection train formed on an inner surface of said lid portion, wherein the third projection train is adapted to engage one of the first projection train and the second projection train,

wherein,

a through-hole is formed through the head portion of said lid portion,

the main body is capable of storing two batteries when the third projection train engages the second projection train and storing one battery when the third projection train engages the first projection train, and

the outer surface of the main body is elastically inwardly deformed and the lid portion is elastically outwardly deformed when the first projection train and the second projection train contact the third projection train during an insertion and an extraction of the main body into or out of the lid portion in a lengthwise direction without requiring a rotation of the main body relatively to the lid portion.

2. (Previously Presented) The battery storage case according to claim 1, wherein said body portion of said main body and said body portion of said lid portion have cross-sections at least a part of which are shaped like a circular arc.

3. (Previously Presented) The battery storage case according to claim 2, wherein said main body and said lid portion have circular cross-sections.

4. (Previously Presented) The battery storage case according to claim 1 or 2, wherein said bottom surface is expanded toward the outside.

5. (Previously Presented) The battery storage case according to claim 1 or 2, wherein said head portion has a space portion formed between said through-hole and said body portion.

6. (Previously Presented) The battery storage case according to claim 1 or 2, wherein a projection portion, the outside diameter of which is substantially the same as that of said second opening portion, is formed on an outer surface of said body portion near said bottom surface of said main body.

7. (Previously Presented) The battery storage case according to claim 1, wherein a circumference portion of at least one opening portion of said through-hole is shaped like a concave portion and a part of the circumference of said through-hole is shaped like a cylindrical portion.

8. (Currently Amended) A battery storage case including a main body having a first opening portion at one end and a bottom surface at the other end, and a lid portion having a second opening portion at one end and a head portion at the other end, said battery storage case comprising:

a first projection train formed on an outer surface of said main body near said bottom surface; and

a second projection train formed on an inner surface of said lid portion near said second opening portion, wherein the second projection train is adapted to engage the first projection train, and

wherein,

the main body has a cross-section shaped as a pair of glasses, and

the outer surface of the main body is elastically inwardly deformed and the lid portion is elastically outwardly deformed when the first projection train contact the second projection train during an insertion and an extraction of the main body into or out of the lid portion in a lengthwise direction without requiring a rotation of the main body relatively to the lid portion.

9. (Previously Presented) The battery storage case according to claim 8, further comprising a through-hole bored through the head portion of said lid portion.

10-11. (Cancelled).

12. (Previously Presented) The battery storage case according to claim 8, wherein said bottom surface is expanded toward the outside.

13. (Previously Presented) The battery storage case according to claim 9, wherein said head portion has a space portion formed between said through-hole and a body portion of said lid portion.

14. (Previously Presented) The battery storage case according to claim 8, wherein a projection portion, the outside diameter of which is substantially the same as that of said second opening portion, is formed on an outer surface of said body portion near said bottom surface of said main body.

15. (Previously Presented) The battery storage case according to claim 9, wherein a circumference portion of at least one opening portion of said through-hole is shaped like a concave portion and a part of the circumference of said through-hole is shaped like a cylindrical portion.

16. (Currently Amended) A battery case including a main body having a first opening portion at one end and a bottom surface at the other end, and a lid portion having a second opening portion at one end and a head portion at the other end, said case comprising:
a first projection train formed on said main body near said bottom surface; and
a second projection train formed on said lid portion near said second opening portion, wherein the second projection train is adapted to engage the first projection train, and wherein the main body stores a battery,

wherein,

the outer surface of the main body is elastically inwardly deformed and the lid portion is elastically outwardly deformed when the first projection train contact the second projection train during the insertion and the extraction of the main body into or out of the lid portion in a lengthwise direction without requiring a rotation of the main body relatively to the lid portion.

17. (Previously Presented) The battery storage case according to claim 16, further comprising a through-hole bored through the head portion of said lid portion.

18. (Previously Presented) The battery storage case according to claim 16, wherein said body portion of said main body and said body portion of said lid portion have cross-sections at least a part of which are shaped like a circular arc.

19. (Previously Presented) The battery storage case according to claim 16, wherein said main body and said lid portion have circular cross-sections.

20. (Previously Presented) The battery storage case according to claim 16 further comprising a third projection train formed on said main body near said bottom surface, wherein the second projection train is adapted to engage one of the first projection train and the third projection train.

21. (Previously Presented) The battery storage case according to claim 16, wherein the main body has a cross-section shaped as a pair of glasses.

22. (Previously Presented) The battery storage case according to claim 1, wherein a plurality of projection trains is formed between first and second projection trains.

23. (Previously Presented) The battery storage case according to claim 1, further comprising a stopper located between the first and second projection trains.

24. (Previously Presented) The battery storage case according to claim 1, wherein the main body is capable of storing four batteries when the third projection train engages a second projection train and storing two batteries when the third projection train engages the first projection train.

25. (Cancelled).

26. (Previously Presented) The battery storage case according to claim 1, wherein the first projection train comprises more than one projection.

27. (Previously Presented) The battery storage case according to claim 1, wherein the second projection train comprises more than one projection.

28. (Previously Presented) The battery storage case according to claim 1, a portion of the main body extending from the opening portion toward the bottom surface has a narrower cross-section than that of any other lengthwise portion of the main body so as to facilitate the insertion of the main body into the lid portion.